CARTERET COUNTY PUBLIC BUILDINGS

Carl Baker Public Buildings Manager



Phone: 252-728-8425

REQUEST FOR PROPOSALS

August 9, 2017

Project Name: Replace Electric Boiler in the Carteret County Administration Building

Scope of Work: Disconnect and dispose of existing boiler in the Mechanical Room of the Carteret County Administration Building, 302 Courthouse Square, Beaufort, NC. Install a new boiler in the same location and connect to existing piping, controls, and power supply. Boiler specifications and photographs of existing conditions are provided in this Request for Proposals.

Point of Contact: Carl Baker, Public Buildings Manager

310 Craven Street Beaufort, NC 28516 Phone: 252-728-8425

Email: carl.baker@carteretcountync.gov

Site Visit: A site visit may be scheduled by contacting the Point of Contact above.

Due Date: Proposals shall be submitted by email no later than 1: 00 p.m. on

Tuesday, August 29, 2017 to carl.baker@carteretcountync.gov. Proposals received after the due date will be rejected.be rejected.

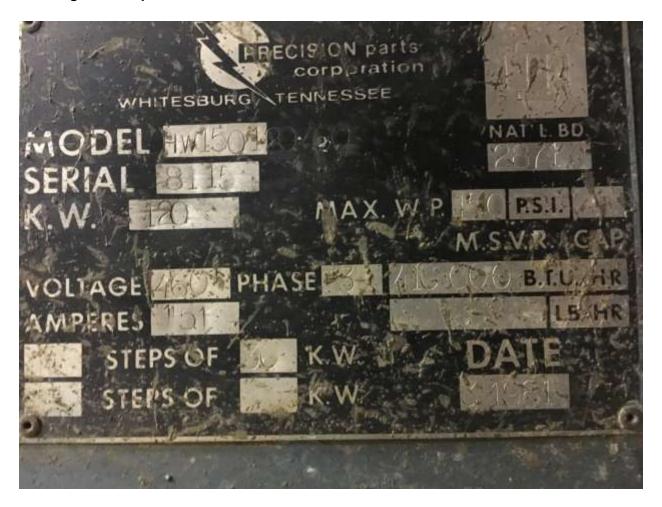
Project Completion Date: November 10, 2017

Note 1: The replacement boiler specifications are required with the proposal.

Note 2: Contractor shall provide a current W-9 tax form and proof of insurance for public liability, property damage, and Worker's Compensation prior to selection.

Technical Information

Existing Boiler Specifications:



New Electric Hot Water Boiler Specifications

120 KW in voltage of 3/480/60Hz

12" diameter, 22 gallons, vessel 150#, ASME Construction with safety relief valve

4" fiberglass insulation with heavy-duty steel housing

Electronic digital temperature readout

Integral electronic control panel, internal fusing.

120-volt control transformer

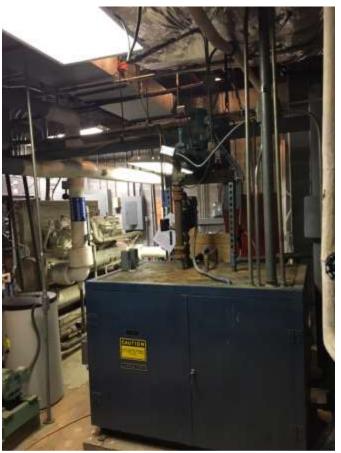
Status light for each step

Probe type low water cut-off, automatic manual reset

Proportional progressive sequence step control

Boiler UL listed and meets CSD-1 requirements

The space for the new boiler is extremely limited. The existing concrete pad is 30" x 60" x 5" and has limited area for expansion.



Mechanical Room



Existing boiler element end. Concrete pad 30" x 60" x 5"



Existing boiler power and controls cabinet



Existing boiler overflows and pressure relief valve discharge



Top of existing boiler



Control valve assembly



Rear of boiler with 4" hot water return